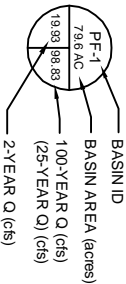


BASIN CHARACTERISTICS AND TIMES OF CONCENTRATION						
BASIN	CHANNEL	AREA (acres)	PATH LENGTH (feet)	Tc (hours)	100-YEAR PRECIPITATION (inches)	2-YEAR PRECIPITATION (inches)
PF-2*	PF-2 Ditch	79.6	3898	0.27	2.20 (1.80)	1.00
PF-1*	PF-1 Ditch	17.9	2955	0.12	2.20 (1.80)	1.00

*100-year 6 hour
25-year 6 hour
NOAA RAINFALL DATA FOR THE AREA WHICH SHOWED A LOWER PRECIPITATION VALUE FOR THE 100 YEAR STORM

CHANNEL CHARACTERISTICS						
CHANNEL STRETCH	n	S (ft/ft)	L (feet)	Y (feet)	AREA (sq. ft.)	VELOCITY (ft/sec)
PF-1	1	0.025	0.820	122		10.00
	2	0.025	0.122	164		4.50
	3	0.025	0.196	28		5.50
	4	0.025	0.274	347		7.00
	5	0.025 - 0.035	0.027	1694	1.22	6.0
PF-2	1	0.025	0.300	300		4.38
	2	0.025	0.126	278		6.25
	3	0.025	0.249	241		2.88
	4	0.025	0.0473	1374		10.00
	5	0.025	0.488	389		5.00
	6	0.030 - 0.40	0.019	1316	2.22	1.20

NOTE: DATA DEVELOPED AND PRESENTED IN THIS TABLE IS BASED ON THE PROPOSED CHANNEL DESIGN. NO SURVEY DATA WAS AVAILABLE.



AS BUILT DRAWING

Prepared for:



TONY M MINE
PHASE 1 PORTAL AREA
AS-BUILT

Tony M Mine
Garfield County, Utah



Tetra Tech Inc.

DESIGNED BY: CAW
DRAWN BY: DMF
CHECKED BY: MRR

RE-CHECKED BY: TLS
APPROVED BY: RG
DATE: 05/21/2008

SIZE D
IF SHEET IS LESS
THAN 22" X 34"
IT IS A REDUCED
PRINT
SCALE REDUCED
ACCORDINGLY

SYMBOL	DESCRIPTION	PREP. BY	DATE	APPROVED
REVISIONS				